

Claims

What is claimed is:

- [c1] A method for remotely accessing a resource in a network having a client-side and a server-side, comprising:
- calling a method of a proxy object at the client-side;
 - converting the call for the method of the proxy object to a request;
 - transmitting the request to the server-side; and
 - invoking a servlet at the server-side to generate a response to the request, wherein the servlet delegates processing of the request to a server object having access to the resource.
- [c2] The method of claim 1, further comprising transmitting the response to the client-side and returning the call for the method of the proxy object.
- [c3] The method of claim 1, wherein a method of the proxy object is called by executing a command on the client-side.
- [c4] The method of claim 1, wherein converting the call for the method of the proxy object comprises marshaling parameters passed to the proxy object.
- [c5] The method of claim 1, wherein the request is a HTTP request.
- [c6] The method of claim 1, wherein transmitting the request to the server-side is based on HTTP protocol.
- [c7] The method of claim 1, wherein transmitting the request to the server-side is based on HTTPS protocol.
- [c8] The method of claim 1, further comprising authenticating the request prior to delegating processing of the request to the server object.

- [c9] The method of claim 1, wherein the servlet delegating processing of the request to a server object comprises the servlet selecting the server object corresponding to the proxy object.
- [c10] A method for executing transactions in a network having a client-side and a server-side, comprising:
requesting access to a remote workspace by calling a method of a proxy object at the client-side;
converting the call for the method of the proxy object to a request;
transmitting the request to the server-side; and
invoking a servlet at the server-side to generate a response to the request, wherein the servlet delegates processing of the request to a server object having access to the remote workspace.
- [c11] The method of claim 8, wherein transmitting the request comprises using HTTP protocol to transmit the request.
- [c12] The method of claim 8, wherein transmitting the request comprises using HTTPS protocol to transmit the request.
- [c13] A method for executing transactions in a network having a client-side and a server-side, comprising:
requesting access to a remote resource by calling a method of a proxy object at the client-side;
converting the call for the method of the proxy object to a request;
transmitting the request to the server-side using HTTP protocol; and
invoking a servlet on the server-side to generate a response to the request, wherein the servlet delegates processing of the request to a server object having access to the remote resource.

- [c14]** A method for executing transactions in a network having a client-side and a server-side, comprising:
requesting access to a remote resource by calling a method of a proxy object at the client-side;
converting the call for the method of the proxy object to a request;
transmitting the request to the server-side using HTTPS protocol; and
invoking a servlet on the server-side to generate a response to the request, wherein the servlet delegates processing of the request to a server object having access to the remote resource.
- [c15]** A system for remotely accessing a resource in a client-server network, comprising:
a server application having at least one server object that can access the resource directly;
a client application comprising an interface through which a method of a proxy object can be called locally and converted to a request;
a servlet that delegates processing of the request to the server object; and
a connection for sending the request to the servlet.
- [c16]** The system of claim 15, wherein the server application and servlet are deployed on a web server.
- [c17]** The system of claim 15, wherein the connection is based on HTTP protocol.
- [c18]** The system of claim 15, wherein the connection is based on HTTPS protocol.
- [c19]** The system of claim 15, further comprising a mechanism for authenticating the request.
- [c20]** The system of claim 15, wherein the resource comprises a workspace.

- [c21] A software configuration management system, comprising:
a server application having at least one server object that can access a workspace;
a client application comprising an interface through which a method of a proxy object can
be called locally and converted to a request;
a servlet that delegates processing of the request to the server object; and
a connection for sending the request to the servlet.
- [c22] The software configuration management system of claim 21, wherein the workspace is
maintained under a version control system.
- [c23] The software configuration management system of claim 21, wherein the connection is
based on HTTP protocol.
- [c24] The software configuration management system of claim 21, wherein the connection is
based on HTTPS protocol.